



JOÃO MENDONÇA

SOFTWARE DEVELOPER

ABOUT ME

I'm a young dreamer, self proclaimed nerd and a goal driven individual that has long since fallen in love with all technology related novel matters and programming in specific.

My main goals in this industry are that of further proving my worth in the field of software development as well as always striving to write lean, maintainable code, doing my utmost to positively contribute to the several processes involved, when given a chance.

Being a big fan of self improvement and building up knowledge as you go along, as well as surely having some fun while at it, it does feel right at home.

PERSONAL PROJECTS

JavaBank

Fullstack application built in Java **Spring MVC** with a **Client/Server** architecture and **Database transactions**. Employs the following technologies:

Maven, Hibernate, Java Persistence API, Spring REST, Spring MVC, Tomcat, JUnit, Mockito, MySQL, Rest.

HOBBIES

Reading
Videogames
Internet Culture
Getting to know everything

CONTACTS

Phone: (351) 913 975 979

E-mail: rahvin61@gmail.com

Linked In:

[linkedin.com/in/joaommendonca1/](https://www.linkedin.com/in/joaommendonca1/)

Site: gorthaur-source.github.io

Based in: Aveiro

EDUCATION

Universidade de Aveiro (2016-2020 [unfinished])
Mestrado Integrado de Computadores e Telemática

Main fields dwelt in:

- Digital Systems, Algorithms and Operating Systems
- OOP Principles, main applications in Java

<Academia de Código_> (2020-2020)

Junior FullStack Developer

A 14-Week Comprehensive, Immersive Java and JavaScript FullStack Coding Bootcamp

WORK EXPERIENCE

ALTICE LABS (01-02-2021 - PRESENT)

SMARTAL GAMIFICATION PROJECT

Requirement and architecture analysis leading up to the conceptualization and development of the Gamification API that is integrated into the SmartAL e-health application and seeks to promote user engagement within the platform.

- Development of **Web applications**
- Development of **Web APIs**

SMARTAL VREHABILITY

Development of augmented reality game integrated into the SmartAL platform, promoting a fun way to perform very simple physical activity such as arm motor movements

- Made using the **Unity engine** and the **C#** language
- Used multiple-person detection library **OpenPose** resorting to its **Python API**

SMARTAL ANDROID INTEGRATION WITH TEMI ROBOT

Module added to the SmartAL android application to support allowing the Temi Robot to perform certain functions as a personal health assistant.

- Leveraged the Temi Development API in an **android-development environment**.

MAIN SKILLS

- OOP (SOLID principles, design patterns)
- Java (Spring Boot, Hibernate)
- Version Control (Git, Subversion)
- Concurrent Programming, Testing and Debugging
- Software Architecture, Databases (MySQL, PostgreSQL)
- Agile methodologies (Scrum, Kanban)
- Adaptability working with different APIs, frameworks and libraries
- HTML, CSS, JS
- React.js